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Sheet 1 of 1

| *Complete if Known* | |
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| Application Number | 10/588,240 |
| Filing Date | 8/1/2006 |
| First Named Inventor | Takashi Abe |
| Art Unit | 4155 |
| Examiner Name | David Patrick Angwin |
| Attorney Docket Number | 5453 - 061931 |

**U. S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No.[1] | Document Number Number-Kind Code[2] (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No.[1] | Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T[6] |
|---|---|---|---|---|---|---|
| | | JP 2000-232095 | 2000-08-22 | Nippon Telegr & Teleph Co | | |
| | | JP 2002-048907 | 2002-02-15 | Canon Inc | | |
| | | JP 11355094 | 1999-12-24 | Matsushita Electric Ind. | | |
| | | | | | | |
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| Examiner Signature | /David Angwin/ | Date Considered | 10/05/2008 |
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